

Converting Colors

$Y_{xy}(50.7275, 0.3219, 0.3950)$

Have a look what the booklet for
Yxy(50.7275, 0.3219, 0.3950)
contains.

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Color

Yxy(50.5895, 0.3214, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	A5C696
RGB	165, 198, 150
RGB Percent	65%, 78%, 59%
CMY	0.3529, 0.2235, 0.4119
CMYK	0.17, 0.00, 0.24, 0.22
HSL	101°, 30%, 68%
HSV	101°, 24%, 78%
XYZ	41.2154, 50.5895, 36.4321
YIQ	182.6610, -4.2600, -21.9240

Conversions

Conversions Part 2

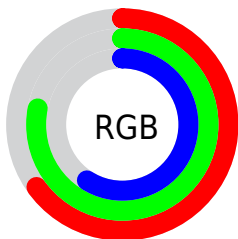
Format	Color
RYB	150, 198, 183
Decimal	10864278
CIELab	76.43, -19.95, 20.51
CIELCh	76, 28.617, 134.205
Yxy	50.5895, 0.3214, 0.3945
Android (android.graphics.Color)	4289054358 (0xFFA5C696)
YUV	182.6610, -16.1019, -15.4887
Hunter-Lab	71.1263, -21.0361, 19.4190

Details

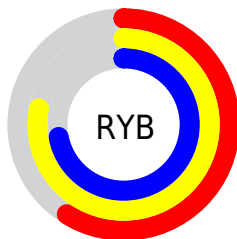
The Yxy color **50.5895, 0.3214, 0.3945** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.9424, 0.3013, 0.2667**, and the grayscale version is **47.2507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0953, 0.3201, 0.3828**, and **24.3581, 0.3232, 0.4136** is the 20% darker color. If you saturate the color by 10%, you get **48.6251, 0.3243, 0.4254**, and if you desaturate by 10%, it is **52.8211, 0.3180, 0.3657**.

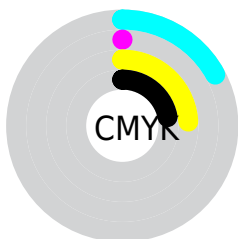
Distribution



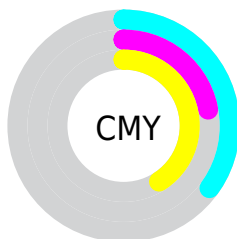
- Red (65%)
- Green (78%)
- Blue (59%)



- Red (59%)
- Yellow (78%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)





- Cyan (35%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5895, 0.3214, 0.3945 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 50.5895, 0.3214, 0.3945 by changing the saturation by 10% instead.


 50.5895, 0.3214,
0.3945

 50.5895, 0.3214,
0.3945


388.9668, 0.3177,
0.3611

 35.8820, 0.3221,
0.4030


 91.0477, 0.3202,
0.3822

 24.3431, 0.3228,
0.4140

 117.5672, 0.3198,
0.3777

 15.5883, 0.3235,
0.4289


148.7928, 0.3193,
0.3738

 9.2333, 0.3240,
0.4498

185.1090, 0.3189,
0.3705

 4.8937, 0.3235,
0.4813

226.9001, 0.3186,
0.3677

 2.1850, 0.3239,
0.5409

274.5505, 0.3183,

 0.7118, 0.2102,

0.3652

0.7898

328.4446, 0.3180,
0.3630

0.0000, 0.0000,
0.0000

50.5895, 0.3214,
0.3945

50.5895, 0.3214,
0.3945

48.6251, 0.3243,
0.4254

52.8211, 0.3180,
0.3657

46.9112, 0.3265,
0.4575

55.3231, 0.3143,
0.3394

45.4389, 0.3276,
0.4896

58.1067, 0.3106,
0.3158

44.1965, 0.3274,
0.5199

61.1807, 0.3069,
0.2947

43.1709, 0.3256,
0.5465

64.5533, 0.3033,
0.2761

■ 42.3478, 0.3223,
0.5676

■ 67.3137, 0.3091,
0.2721

■ 41.7103, 0.3178,
0.5821

■ 68.8703, 0.3153,
0.2732

■ 41.4146, 0.3150,
0.5881

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.5895, 0.3584, 0.3977



50.5895, 0.3214, 0.3945



50.5895, 0.2836, 0.3699

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.5895, 0.3214, 0.3945



50.5895, 0.2453, 0.2738



50.5895, 0.3735, 0.3211

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50.5895, 0.3214, 0.3945



35.9424, 0.3013, 0.2667

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.5895, 0.3398, 0.2926



50.5895, 0.3214, 0.3945



50.5895, 0.2661, 0.2657

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.5895, 0.3214, 0.3945



50.5895, 0.2412, 0.2974



50.5895, 0.3002, 0.2728



50.5895, 0.3899, 0.3529

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.5895, 0.3214, 0.3945



50.5895, 0.2629, 0.3457



50.5895, 0.3002, 0.2728



50.5895, 0.3637, 0.3109

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50.5917, 0.3214, 0.3945



96.6516, 0.3154, 0.3466



47.9890, 0.3531, 0.3710



20.6281, 0.3156, 0.3482



0.0000, 0.0000, 0.0000



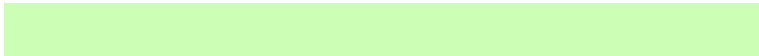
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.5917, 0.3214, 0.3945



87.7249, 0.3230, 0.4103



49.3666, 0.3034, 0.3840



12.0463, 0.3162, 0.3525



26.9720, 0.3159, 0.5874



1.3160, 0.3325, 0.5742

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.9424, 0.3013, 0.2667



57.4176, 0.2983, 0.2526



37.4914, 0.3236, 0.2796



10.6436, 0.3089, 0.3059



6.1025, 0.2438, 0.1117



0.3262, 0.2604, 0.1208

Previews

White Background



This preview shows how the Yxy color 50.5895, 0.3214, 0.3945 looks on a white background.

Color Contrast Check

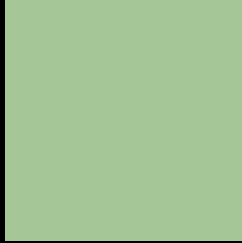
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 50.5895, 0.3214, 0.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

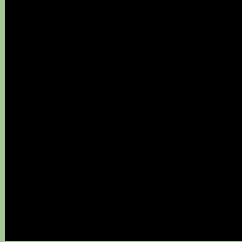
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5895, 0.3214, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 50.5895, 0.3214, 0.3945.



This preview shows how white text looks on a background with the Yxy color 50.5895, 0.3214, 0.3945.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

50.5895, 0.3214, 0.3945

Protanopia

50.4283, 0.3584, 0.3831

Deuteranopia

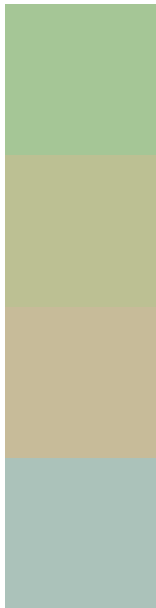
50.2863, 0.3685, 0.3614



Tritanopia

50.7165, 0.2886, 0.3099

Trichromacy



Original Color

50.5895, 0.3214, 0.3945

Protanomaly

50.4972, 0.3441, 0.3874

Deuteranomaly

49.9827, 0.3504, 0.3720

Tritanomaly

50.7867, 0.3004, 0.3394

Monochromacy



Original Color

50.5895, 0.3214, 0.3945

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1368, 0.3158, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5895, 0.3214, 0.3945 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(165, 198, 150)` looks like.

```
.text, #text, p{  
    color:rgb(165, 198, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(165, 198, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 198, 150) }
```

Border

The CSS property to change the border of an element to Yxy 50.5895, 0.3214, 0.3945 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 198, 150) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(165, 198, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(165, 198, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 198, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 198, 150);  
box-shadow:4px 4px 4px 4px rgb(165, 198,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5895, 0.3214, 0.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 198, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(165,  
198, 150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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